



RASACAST A-16

Type of Product: High Alumina Dense Castable

Physical Properties:

Raw material basis	Low iron fire clay
Max Service Temperature (°C)	1550
Dry castable required (Kg/m ³)	2150 - 2250
Approximate amount of water required (%)	7.5 - 8.5
Bulk density after drying at 110°C (Kg/m ³)	2250 - 2350
Grain size (mm)	0 - 5

Thermomechanical Properties:

	Cold Crushing Strength (Kg/Cm ²)	Modulus of Rupture (Kg/Cm ²)	Linear Change (%)
After drying at 110 ° C	≥ 600	≥ 65	negligible
After heating at 1400° C	≥ 800	≥ 90	- 0.5 to -1

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
50 - 56	36 - 42	1.4 - 1.8	3.8 - 4.3

Packing in 30 Kg Bags.

- All data subject to reasonable deviations, and therefore, should not be used for specification purposes.
- ASTM Test Methods, where applicable, used for determination of data.

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